A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G02B26/02 G02B3/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7-602B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 069 450 A (CANON KK) 17 January 2001 (2001-01-17) paragraph '0012! - paragraph '0026!; figure 1 paragraph '0212! - paragraph '0214!; figures 19A,19B	1-11
X - 1	US 2003/012483 A1 (TICKNOR ANTHONY J ET AL) 16 January 2003 (2003-01-16) paragraph '0080! - paragraph '0083!; table 1 paragraph '0094!; figure 2 paragraph '0101!; figure 3 paragraph '0106! - paragraph '0114!; figure 4 paragraph '0175!; figure 27 -/	1-11

Y Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as: specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed 	 *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search 17 September 2004	Date of mailing of the international search report 27/09/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nì, Fax: (+31–70) 340–3016	Authorized officer THEOPISTOU, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT							
Category °	Cilation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.					
X	BERGE B ET AL: "Variable focal lens controlled by an external voltage: an application of electrowetting" EUROPEAN PHYSICAL JOURNAL E. SOFT MATTER, EDP SCIENCES, IT, vol. 3, no. 2, October 2000 (2000-10), pages 159-163, XP002285977 ISSN: 1292-8941 page 159, right-hand column, paragraph 2 - page 160, right-hand column, paragraph 2; figure 1	1,5					
A	US 5 942 157 A (BUNNING TIMOTHY J ET AL) 24 August 1999 (1999-08-24) abstract column 9, line 5 - line 15; figure 4	1-11					
A	US 6 369 954 B1 (BERGE BRUNO ET AL) 9 April 2002 (2002-04-09) column 3, line 3 - line 52; figure 1 column 5, line 28 - line 64; figure 6 column 6, line 6 - line 55	1-11					
A	US 4 030 813 A (KOHASHI TADAO ET AL) 21 June 1977 (1977-06-21) abstract; examples	1,6,8					

						
Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1069450	A	17-01-2001	JP	2000356751	Α	26-12-2000
2. 2000.00			JP	2000356792		26-12-2000
			ĒΡ	1069450		17-01-2001
			ŪS	6449081		10-09-2002
US 2003012483	A1	16-01-2003	WO	02069016		06-09-2002
			WO	02068821		06-09-2002
			US	2003006140	A1	09-01-2003
US 5942157		24-08-1999	AU	4041597	Δ	20-02-1998
05 5542157	Α	24 00 1555	EP		A1	24-11-1999
			JP		T	28-11-2000
			US	6699407	•	02-03-2004
			US	6677086		13-01-2004
			US	6706451		16-03-2004
			WO	9804650		05-02-1998
			US	2003197157		23-10-2003
			US	6667134		23-10-2003
		•	US	2004091787		13-05-2004
			US	2004091787		13-05-2004
			US	2004089842		15-05-2004
						15-07-2004
US 6369954	B1	09-04-2002	FR	2769375	A1	09-04-1999
			ΑT	214164	Τ .	15-03-2002
			CA	2306249	A1	15-04-1999
			DE	69804119	D1	11-04-2002
			DE	69804119	T2	28-11-2002
		•	EP	1019758	A1	19-07-2000
			ES	2171041		16-08-2002
			WO	9918456	A1	15-04-1999
			JP	2001519539	T	23-10-2001
US 4030813	A	21-06-1977	JP	1177894	C	30-11-1983
00 4000010		21 00 13//	JP	52029751	Ä	05-03-1977
			JP	58008489	B	16-02-1983
•			JP	1079420		25-01-1982
			JP	51099045		01-09-1976
			JP	56019614		08-05-1981
			CA	1044816		19-12-1978
					α_{\perp}	13-16-13/0